

8-27-1937

## M.W.A.K. Columbian, Vol. 3, No. 35 (misprint)

Mason-Walsh-Atkinson-Kier Co.

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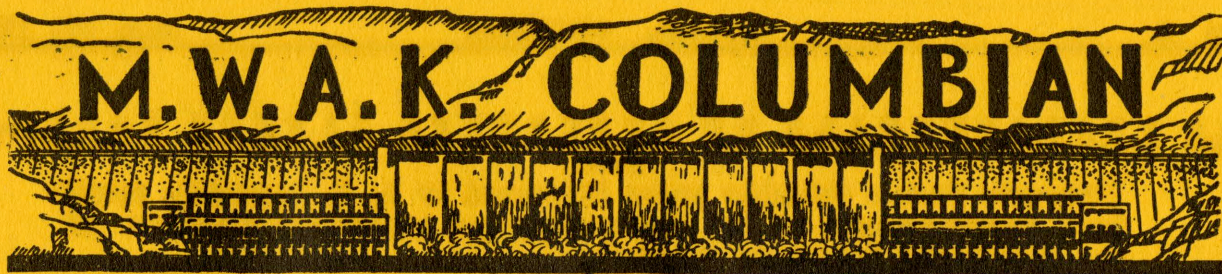
### Recommended Citation

Mason-Walsh-Atkinson-Kier Co., "M.W.A.K. Columbian, Vol. 3, No. 35 (misprint)" (1937). *Columbian (Grand Coulee Dam newsletter)*. 52.

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SAFETY  
DEPARTMENT

MASON-WALSH-ATKINSON-KIER CO.  
BUILDERS OF COULEE DAM

MASON CITY  
WASHINGTON

Vol. 3 No. 35

M. Pete Shrauger--Editor  
Safety Engineer

Aug. 27, 1937

TO OUR EMPLOYEES:

On July 30, 1937, we made public the text of an agreement signed by the American Federation of Labor and ourselves.

We called attention to the fact that the agreement provided that all of our field employees belong to Unions affiliated with the American Federation of Labor. We requested that our employees cooperate by joining the appropriate Unions at the earliest date possible and stated that a reasonable time would be allowed for such affiliation.

The response of the majority of our employees has been very favorable, but there are those who have not yet become members of the Unions. We have no desire to coerce any employee into joining such Unions, but we must call your attention to the fact that our contract with them provides that such affiliation be made within a reasonable length of time. This contract is fully binding, and we intend to abide by its terms. Therefore, we request that those of our employees who have not become so affiliated give prompt consideration to our viewpoint.

MASON-WALSH-ATKINSON-KIER CO.

*T. J. Walsh*

T. J. Walsh  
President

Mason City, Washington  
August 26, 1937



THE FUNDAMENTALS OF EFFECTIVE SAFETY WORK

(Extracts from a valuable paper delivered by H. W. Heinrich, assistant superintendent of the engineering and inspection division of the Travelers' Insurance company).

"AS A RESULT OF RESEARCH AND PRACTICAL APPLICATION, SATISFACTORY PROOF HAS BEEN established that the TOTAL cost of accidents in construction and other industrial work is several times greater than the cost of settling compensation and liability claims and hospital bills. Efficiency in controlling the quality, quantity and cost of work is now known to be affected adversely by the identical circumstances that result in accidents.

"THE INTEREST OF THE INDIVIDUAL WORKER IS ESSENTIAL. NEW EMPLOYEES MUST be instructed, trained, and repeatedly cautioned when they lapse from safe practice.

"UNSAFE ACTS OF PERSONS CAUSE MORE THAN 80 PER CENT OF ALL ACCIDENTS, WHILE less than 20 per cent can fairly be charged to the existence of mechanical or physical hazards. A few examples of unsafe acts...that are typical of this 80 per cent accident causation classification are given below:

- "1. RIDING BETWEEN MUCK CARS.
- "2. USING THE HANDS INSTEAD OF THE BAR TO LOOSEN ROCK WHEN LOADING SKIP hoist.
- "3. FAILING TO REMOVE LOOSE ROCK FROM SIDES AND ROOF OF TUNNEL.
- "4. WORKING IN TOO CLOSE PROXIMITY TO OTHER EMPLOYEES WHEN SWINGING AXE OR sledge.
- "5. THROWING TOOLS AND MATERIALS OR ALLOWING THEM TO REMAIN AS STUMBLING hazards in work spaces.

"IT IS TRUE THAT MECHANICAL AND PHYSICAL HAZARDS, ALTHOUGH THEY ACCOUNT FOR less than 20 per cent of all accidental injuries, must also be found and corrected. Some examples that are typical of the 20 per cent classification are listed as follows:

- "1. Tools, such as bars, sledges, hammers, axes, etc., that are worn, dull, or that have loose or splintered handles or are otherwise defective.
- "2. Defective chains, slings, ropes, or other equipment.
- "3. Worn, frayed, or defective insulation on electrical conductors.
- "4. Rock and debris close to tops of embankments, where men are exposed below
- "5. Lack of adequate and satisfactory shoring or grading of the sides of excavation."



FROM THE  
CRYSTAL BALL

## A YEAR AGO

MELVIN KINER will never live down the time when a "copper" asked of his companion, "Is he a friend of yours? Then take care of him,"

---E. PRIEST, and how can he live down the time when a playful dog nearly disrobed him as was on his way from house to house? A woman at the door, too?

REGGIE CLEMENTS and BELL SCHILDNECHT really ogled from the front row at the carnival!

---JOHN ROSE, seemingly all smiles for a week, must be deserving of congratulations. A promotion?

A SIGNALMAN'S face still diffuses with red as he recalls an innocent night when he was to sleep in a haystack, but a parent objected

---C. L. COLE---One wonders why he issued himself a lay-off card

ARVIN CARPENTER nightly studies the skies to determine if a protective star hovers over the Okanogan country

---LONG CHANCES SHORTEN LIVES

YVONNE, daughter of H. R. Bates, seeing picture of boatswain swinging during the driving of sheet piling, "poppy, is that the swing shift?"

ROBY McCURDY remembers a shopping tour--as do others--that extended from 1 p.m. until 4 a.m.

---ROBERT CHASTIN has contributed to a high-light of Mason City. After having been seen in the company of a very charming blonde special nurse, he visited Spokane

CLEANUP FOREMAN COLLINS rolled in pain for a moment and then the physical equipment of the area began flying through the air

---EARL "WOODY" WOOD objected to going to bed and yet insisted that someone else "might as well get it over with, You've got to face the music sometime."

J. E. BROTON has been busy in his spare time trying to find out how daylight looks

---BOB ATWELL, "I can't let the kid show me up. I'm going to make me a diving suit, too."

LOUIS CLAYPOOL, when Ray Brashear left for the University of California, cried desperately, "I need seven hands!"

---Work gets under way on the construction of 14 crib bottoms for cross-river cofferdams.

---Two steel barges for cooling concrete arrive

---Freezing begins in 100 points for the refrigeration plant at the east slide area.

---Drive first piling for arm of upstream cofferdam

---Announce that schools will open Sept. 8

---Reach midway point in rock blasting for pump house

---INTRODUCE THE NEW MAN TO A MIGHTY FINE FRIEND--SAFETY

---Announce that three regular excavation shifts will not Labor day

---Begin east side concrete waste track

---Junior Community club gives first dance

*George R. Dern*

---George R. Dern, 63-year-old secretary of war, died of cardiac complications following a severe attack of influenza exactly one year ago.

---The Washington national monument was repaired and scrubbed in 1934, and when the scaffolding was being taken down in December of that year it was found that thieves or souvenir hunters had taken 107 gold-plated platinum-tipped lightning rod points from the top of the monument. They were valued at \$8 each

---The topaz, birth stone for August, is credited with endowing the bearer with fidelity. The ancient stone was the carnelian

---The Civil Executive Branch of the Federal government had on its roll 824,259 civilian employees, the Civil Service commission reported on June 30, 1936

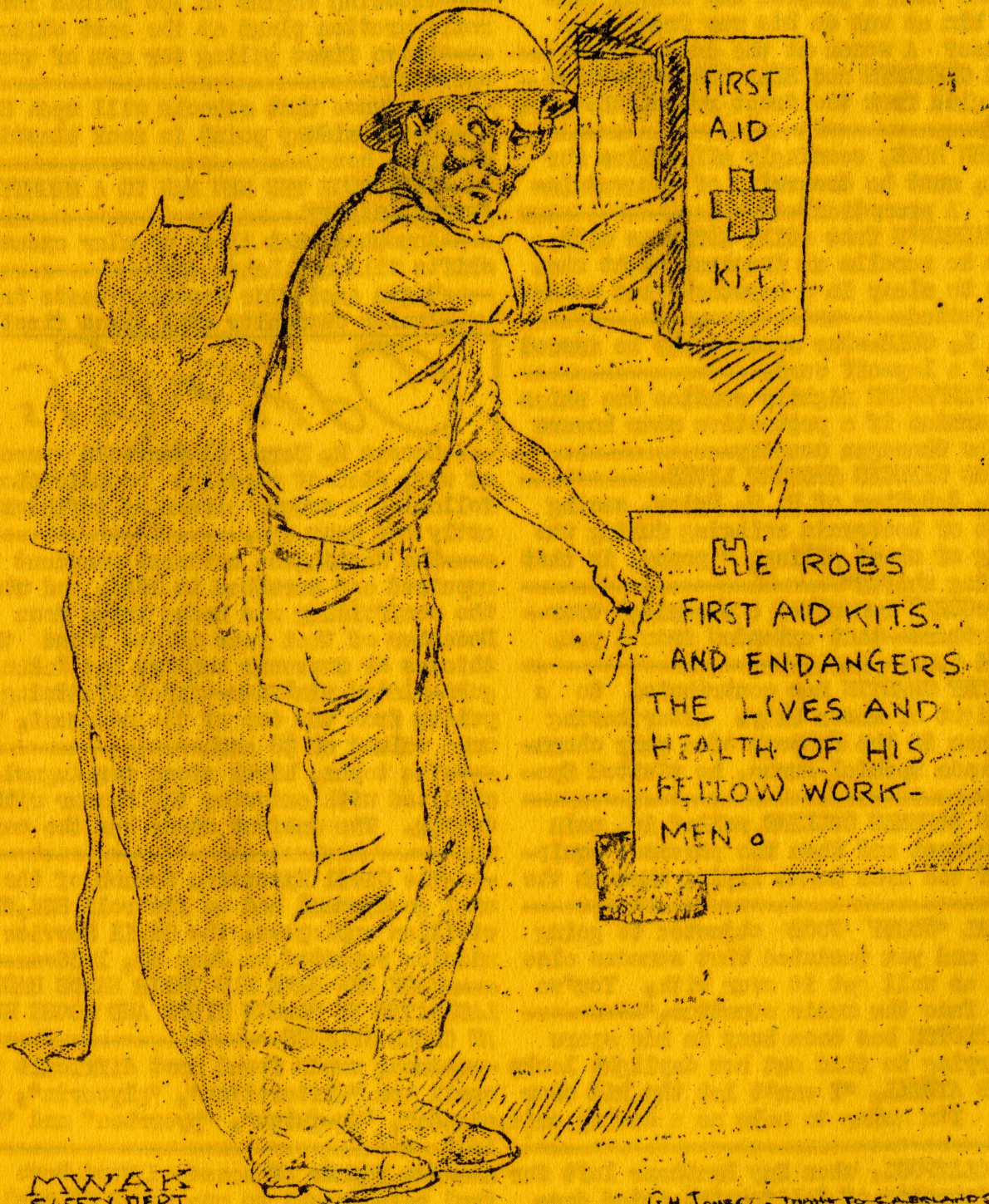
---MANY MEN HAVE HAD THEIR HANDS BADLY LACERATED BY BROKEN WIRES AND LOOSE ENDS AT CABLE SPLICES

---Among words found most difficult to spell are "aliteration", "glycerin", "hacienda", "ju-jitsu", "pyorrhea" and "ukulee"

---Two pounds of seasoned wood have a fuel value equal to one pound of coal.



# THE WORLD'S MEANEST THIEF



MWA  
SAFETY DEPT.

G.H. Jones - Thanks to Cabell and Son



LITTLE KNOWN FACTS ABOUT THE COLUMBIA BASIN PROJECT

(The following brief bits of information are taken from an organized 34-page booklet prepared and being distributed by the bureau of reclamation entitled, "The Columbia Basin Project and the Grand Coulee dam". Facts given below are only a few which may be new to most readers).

Explorations of the granite foundation for the dam involved diamond drilling to the extent of about 31,000 feet of hole. Occasional holes were drilled to depths varying from 660 to 800 feet. Solid granite was penetrated to depths from 370 to 600 feet.

\*\*\*\*\*

Nearly 12,000,000 cubic yards of concrete to be used in constructing the dam, power plant and appurtenant works would build two complete standard 16-foot highways across the continent from coast to coast. The weight of the concrete will exceed 25,000,000 tons.

\*\*\*\*\*

More than 4,000,000,000 pounds, 2,000,000 tons, 48,000 car loads, or 960 trains of cement will be required.

\*\*\*\*\*

The reservoir behind the dam will have an area of 82,000 acres (128 square miles) and a total capacity of 10,000,000 acre-feet of water--- equivalent to 2000 gallons for every person on earth, or 25,000 for every inhabitant in the United States.

\*\*\*\*\*

Each of the 12 pumps in the pumping plant will be driven by a 62,500 horsepower, 13,800 volt, direct connected synchronous motor. The maximum pumping head will be about 365 feet, the normal about 295 feet.

\*\*\*\*\*

At full spillway capacity of 1,000,000 cubic feet per second, the energy of the falling water over the spillway would be equivalent to approximately 32,000,000 horsepower.

\*\*\*\*\*

Eleven drum type spillway gates, each 28 feet high and 135 feet long, will control the flow of water over the spillway.

\*\*\*\*\*

The general elevation of the floor of the Grand Coulee is about 1500 and the walls of the Coulee are about 2300 feet above sea level. The lands to be irrigated vary from about 1300 near Ephrata to 400 near Pasco.

\*\*\*\*\*

The maximum width of the tract to be irrigated is about 60 miles, and the maximum length, north and south, about 85 miles.

\*\*\*\*\*

The main east side canal for the lands will be 156 miles long and the west, 156 miles.

\*\*\*\*\*

The value of unimproved land on the project ranges from \$1.25 to about \$15 per acre.

\*\*\*\*\*

During the first 15 months of operations, the contractor spent nearly 11½ million dollars for equipment and supplies, of which 56½ per cent went directly to points east of the Rocky mountains. Government expenditures for equipment and supplies went directly to 23 states east of the Rocky mountains and to five states west of the continental divide.



# Mason City Theatre

**BERT WHEELER**

**SUNDAY MONDAY**

**AGAIN -**

**ALSO**

**BOB WOOLSEY**

**SERIES OF 5**

**WALT DISNEY'S**

**ACADEMY OF AWARD CARTOONS**

**MICKEY'S COUNTRY COUSIN**

**AND OTHER FAMOUS CARTOON CHARACTERS**

G.H. JONES

TUESDAY ONLY

\$73

**MOVIE SWEEPSTAKE**



DON'T "KID" YOURSELF

The comment that "I've never seen clean up so well done as now" is significant because it refers to a fact that has made a definite cut in the number of accidents.

However, it does shift attention all the more strongly to another type of accident that ties in with several very narrow, serious escapes recently.

This is in connection with falling objects and falling workmen. These are the injuries which bring about the most serious results. Falling objects cause about 2 per cent of injuries sustained here, falling workmen only  $1\frac{1}{2}$  per cent.

The ordinary answer would be that such a low percentage means "the chances of my getting hurt from my own falling or from falling objects are too slim to deserve much consideration."

That misses the point completely. The point is that WHEN SUCH AN INJURY OCCURS THE CHANCES ARE THAT THE INJURY WILL BE SERIOUS!

That point is a cold fact. Any time a very low percentage of accidents brings about the highest number of serious accidents, there is no way of denying such a cold fact.

That fact deserves another consideration also. Accidents through falling are usually those which throw the chief responsibility upon the individual suffering the accident, or upon but one or two others. This indicates that the chances for cutting down such accidents are unusually good if individuals will check all places that may bring about falls and to make it a point to be very careful at such places.

-oOo-

NEW PIT CONVEYOR STARTS

The recently-fabricated boom conveyor and hopper received first active use for the new cut at Brett pit Wednesday. Regular operation of the conveyor will continue. A trial run at the new cut was held Tuesday.

-oOo-

Drill holes in the new cofferdam well indicated rock at 875 and showed traces of the bentonite mixture used to help seal off cofferdam leakage of over four months ago.

-oOo-

NATIONAL CONGRESSMEN VISIT

Representative Emmett O'Neal, democrat from Kentucky, and Representative James M. Fitzpatrick, democrat from New York, are scheduled to visit the Grand Coulee dam Sept. 7 as a part of their tour of reclamation projects.

One week later two representatives from each of the two major parties are slated for a visit.

-oOo-

PAYROLL MARKS NEW HIGH

Payroll figures of last Friday stepped 91 beyond the previous high of Aug. 6 to reach a total at the dam site of 6,385, bureau of reclamation figures show. The MWAK employed 5,619, Mason City concerns 180, and the bureau of reclamation 586.

The previous highs were 5,534; 180 and 580.

-oOo-

MAE WATERS OF GOVERNMENT CAMP COLLECTED \$144 at Mason City "Sweepstakes" Tuesday night. E. A. Eolsie and Lloyd Vokel of Mason City were owners of horses taking second and third.

-oOo-

IMPORTANT NOTICE

Mason City police report that in connection with the stealing of personal belongings an "Excuse Me" should not be an excuse.

A favorite method used by persons entering cabins to take personal effects of others is to pretend to be intoxicated and to beg to be excused if the occupants are in the room.

MWAK POLICE ASK THAT ANY TIME ANY PERSON IN SUCH A CONDITION ENTERS A ROOM ALWAYS DEMAND HIS BRASS NUMBER AND REPORT IT. TO PERFORM THIS DUTY MAY MEAN TO GIVE POLICE AN IMPORTANT LEAD.

-oOo-

Three-shift jackhammer work got under way Tuesday on the east keyway for the first time since crews were shifted above elevation 1200.

Daily rock excavation from the scene averages between 800 and 1,000 yards.

-oOo-

Excavation from cross-river cofferdams averages over 7,000 yards daily. Nearly 125,000 yards has been trucked out, 90 per cent from the downstream cofferdam.









# TENNIS CLUB MEETS WENATCHEE

Meet No. 6 has been lined up by the Coulee Dam tennis club for Sunday as Wenatchee plays a return series of nine matches here after 11 a.m. The local club, as yet unbeaten, took an 8 to 1 count at Wenatchee two months ago.

-oOo-

# FACULTY HAS NEW MEMBERS

Four new members of the faculty will appear for the Coulee Dam public schools, opening Monday:

They are: Miss Mabel Youngberg of McMinville, Ore., addition to the high school faculty; Arthur H. Irwin, Blaine, eighth grade and principal; Miss Leona Johnson, Coeur d'Alene, third; Miss Gladys Hughes, Almira, fifth and sixth.

Seven faculty members returning are: (high school) Supt. P. F. Ruidl, David Mahrt, Miss Angelyn Howells; (grades) Mrs. Madge Cartwright, Miss Chloe Dungan, Miss Zelma Powell and Mrs. Hortense Lord.

-oOo-

# THE FELLOW WHO IS DEAD FROM THE NECK UP IS LIKELY TO BE KILLED ALL OVER BY AN ACCIDENT.

-oOo-

In addition to the eight blocks at present covered by cells inside the cofferdam (for blocks 41 to 44 inclusive, rows I and J), 11 blocks are yet to have bedrock receive first concrete, according to a Tuesday check.

-oOo-

The airplane tripped for unloading aggregate at the storage piles near the ball park traverses through 441 feet at a speed of 20 feet per minute. When not in movement the structure is held in place by a magnetic brake on the traverse motor.

-oOo-

An average of 50 carloads a day of cement arrived daily during the month of July for concrete placement. The total for the 31 days was 1,552 cars. June, with the previous high, totaled 1,432.

Previous months were: May (1,195), April (867), March (304), February (0) and January (87).

COMMUNITY CHURCH--The Rev. W. W. Sloan, Ph. D., pastor  
9:45 a.m. Church school  
11:00 a.m. Morning worship  
7:00 p.m. Vesper services  
8:00 p.m. Friday (TONIGHT), social hour for young people.

CATHOLIC CHURCH--Father A. Farrelly, pastor  
Mass will be said Sunday, Aug. 29, in St. Benedict's church, Mason City, at 8:00 a.m. and at 10:00 a.m. in Grand Coulee. Instructions will be given Saturday at 10:00 a.m. for children.

CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS--R. E. Nuttall, superintendent (In Mason City high school building)  
10:30 a.m. Sunday School  
11:15 a.m. Departmental works--  
Gospel doctrine: adults  
Church history: Juniors  
Primary

ELECTRIC CITY UNION CHURCH--M. L. Bennett, pastor  
11:00 a.m. Sunday School  
12:00 a.m. Morning worship  
6:30 p.m. Young people  
7:30 p.m. Evening worship

SEVENTH DAY ADVENTIST  
(In Electric City Union church)

Services are held every Saturday Morning at 9:45 a.m. followed by Bible study.

-oOo-

EVERY 24 HOURS  
275 PEOPLE ARE KILLED BY ACCIDENTS IN THE UNITED STATES--  
DO NOT BE ONE OF THEM  
TODAY

-oOo-

Minimum temperature Tuesday, 48 degrees.

-oOo-

Highest elevation for contract, 1010.







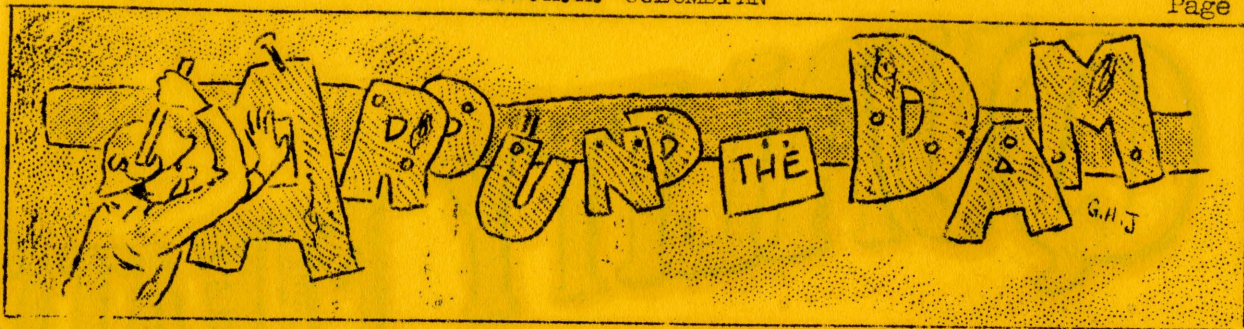
G.H.  
JONES

CARELESSNESS  
COSTS YOU  
MONEY.  
**BE CAREFUL!**



SAFETY DEPT.





### GIVE SALMON ADDED "BREAK"

A slight change in plans has been announced during the present week by the bureau of reclamation which makes block 60-G the lowest block for the contract at elevation 935. Four blocks of concrete will be affected, however. These are 60-E and G and 62-E and G. The three blocks will stop at 940 instead of 945.

The change for the blocks is a temporary measure to help salmon along the river until fishways can be desired.

-oOo-

BORN at the Mason City hospital--

Aug. 19, to Mr. and Mrs. Ernest Reson of Electric City, a son.

Aug. 24, to Mr. and Mrs. Leslie Black of Electric City, a daughter.

Aug. 24, to Mr. and Mrs. Henry Overby of Electric City, a son.

Aug. 24, to Mr. and Mrs. Metz Pachosa of Grand Coulee Heights, a son.

-oOo-

### NEW CONCRETE BUCKETS TAKE SHAPE

Machinists, welders and blacksmiths turned their attention Tuesday to fabrication of four new concrete buckets. On completion, the four will have been made in their entirety by MWAK employees.

The buckets will be six feet in diameter and nine feet high. Previous buckets bought by the Company had been 6x8, but to prevent possible spilling of concrete an additional 12 inches had to be welded to the top of each bucket.

-oOo-

### HOW MUCH TIME DO YOU SPEND DAY DREAMING OVER USELESS OR IMPOSSIBLE THINGS?

### MOST JOBS REQUIRE ALERTNESS FOR SAFETY

-oOo-

The camp office reported that 1,733 men were listed in camp Wednesday morning. This falls 100 short of an all-time high.

-oOo-

H. L. Myer, former job manager for the MWAK who had been visiting here since Monday, left Wednesday for New York.

### B GROUTING ENDS

After the drilling of approximately 1,100 holes 30 feet deep and the use of 10,000 tons of cement, regular B grouting for the Grand Coulee dam has ended. B grouting is the forcing of cement and water under a pressure up to 200 pounds down into bedrock to seal all crevices.

Grouting of special holes and high-pressure work on deeper C holes continues.

-oOo-

FOUND--and now at the Mason City police station:

One automobile license: U258.

Two chauffeurs' licenses: California and Minnesota.

-oOo-

### BLOCKS REACH TOP

The first block immediately west of the east penstock area to reach its height for the contract was 60-A. Concrete placement for the block ceased Monday at level 945. The entire block, from A through J, is expected to be finished some time next week.

62-C and 62-G are also completed. Other blocks near completion are 42, 44 and 58.

From blocks 41 to 63 inclusive even-numbered blocks are to stop no higher than 945, odd-numbered at 975, except for block 53 at 960.

Concrete in the middle section hole is no higher than 835 in one place.

-oOo-

### YOU CANNOT POSSIBLY AVOID AN ACCIDENT WITHOUT USING YOUR EYES AND EARS.

### AN ACCIDENT WILL CATCH UP WITH YOU SOONER OR LATER IF YOU DO NOT USE THEM

-oOo-

Rig #20 on the barge began a new job Wednesday night of placing steel stop logs across block 38 to create still water for the anchoring of the barge. The current through the 38 channel would hamper work north of block 39.

-oOo-

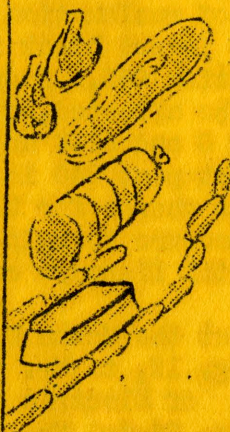
Reinforcement steel used: 8,000 tons.



# QUALITY MEATS

## MEAT. DEPT.

	PER LB.
SPRING LAMB LEGS	.27
ROLLED SHLD. LAMB	.25
PORK ROAST	.25
PORK STEAK	.28
PORK CHOPS	.38
PURE PORK SAUSAGE	.30
ROUND STEAK	.30
STEWING LAMB	.54
COLORADO BROILERS	.35



COULEE  
TRADING  
CO.

G.H.J.